

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102422\
 Data File : PD072585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2022 15:13
 Operator : AR\AJ
 Sample : PB148512BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB148512BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2022
 Supervised By : Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 22:36:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 04:17:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.712	3.463	45112013	761.8E6	18.106	22.906 #
28)	SA Decachlor...	7.847	8.922	42111201	200.8E6	18.710	22.318
Target Compounds							
2)	A alpha-BHC	3.218	3.928	183.2E6	2241.9E6	46.531	48.961
3)	MA gamma-BHC...	3.547	4.262	164.5E6	1723.4E6	50.433m	46.827
4)	MA Heptachlor	3.881	4.829	162.2E6	1200.3E6	45.347	45.899
5)	MB Aldrin	4.160	5.168	166.9E6	1041.5E6	48.335	49.390
6)	B beta-BHC	3.851	4.477	63865281	649.4E6	45.317	45.687
7)	B delta-BHC	4.081	4.722	165.2E6	1346.8E6	46.424	47.549
8)	B Heptachlo...	4.666	5.601	143.8E6	850.2E6	46.853	48.861
9)	A Endosulfan I	5.036	5.985	132.0E6	759.9E6	45.827	49.808
10)	B gamma-Chl...	4.915	5.854	146.9E6	829.0E6	46.335	50.318
11)	B alpha-Chl...	4.978	5.930	143.4E6	805.1E6	46.207	49.884
12)	B 4,4'-DDE	5.167	6.104	138.0E6	797.5E6	46.184	52.112
13)	MA Dieldrin	5.301	6.262	144.5E6	829.0E6	47.303	52.459
14)	MA Endrin	5.578	6.495	120.7E6	657.9E6	44.451	49.260
15)	B Endosulfa...	5.877	6.724	120.1E6	672.5E6	49.135	54.712
16)	A 4,4'-DDD	5.726	6.629	113.8E6	654.5E6	46.378	53.121
17)	MA 4,4'-DDT	5.974	6.936	107.3E6	614.8E6	45.810	51.570
18)	B Endrin al...	6.060	6.856	99379401	547.3E6	50.528	56.706
19)	B Endosulfa...	6.283	7.089	112.3E6	590.0E6	44.683	52.048
20)	A Methoxychlor	6.557	7.417	56453520	305.6E6	41.964	51.608
21)	B Endrin ke...	6.792	7.579	134.0E6	633.7E6	44.845	50.786
22)	Mirex	6.956	8.026	94184599	419.2E6	44.278	50.429

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102422\
Data File : PD072585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2022 15:13
Operator : AR\AJ
Sample : PB148512BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

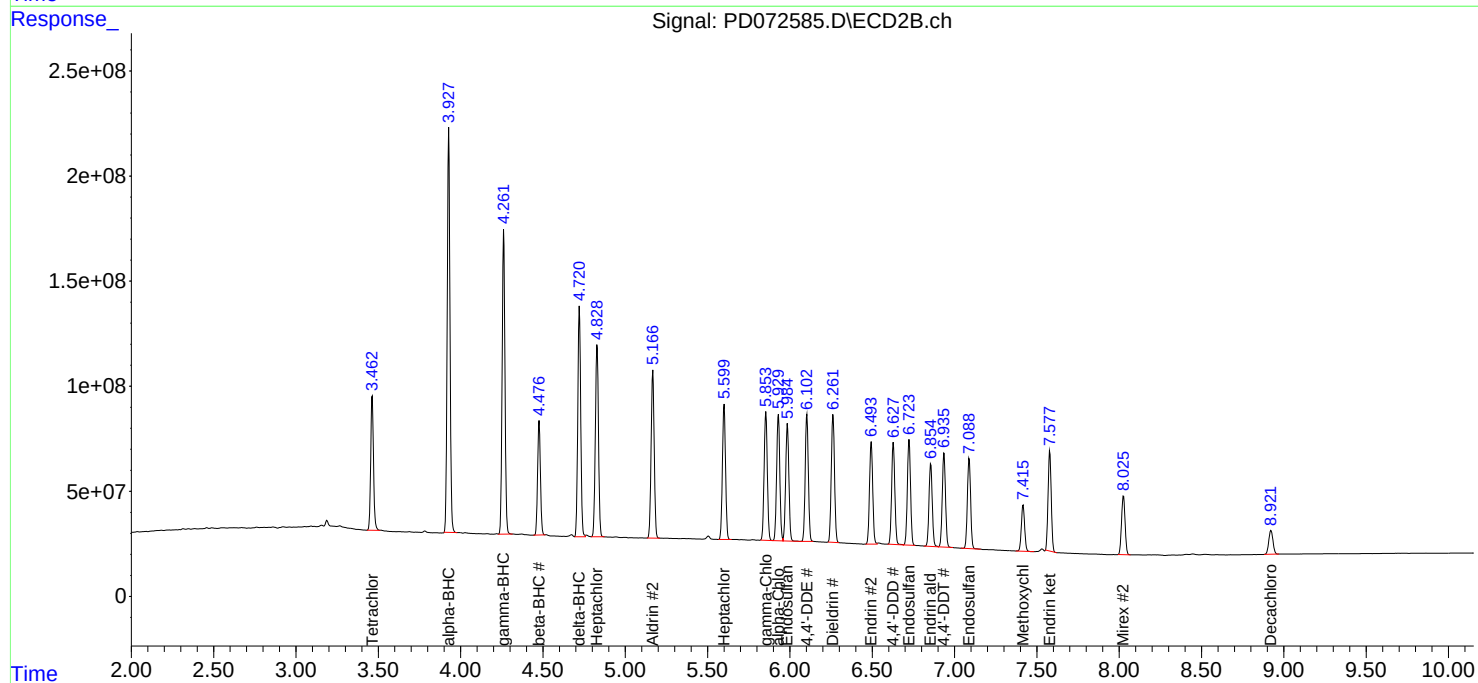
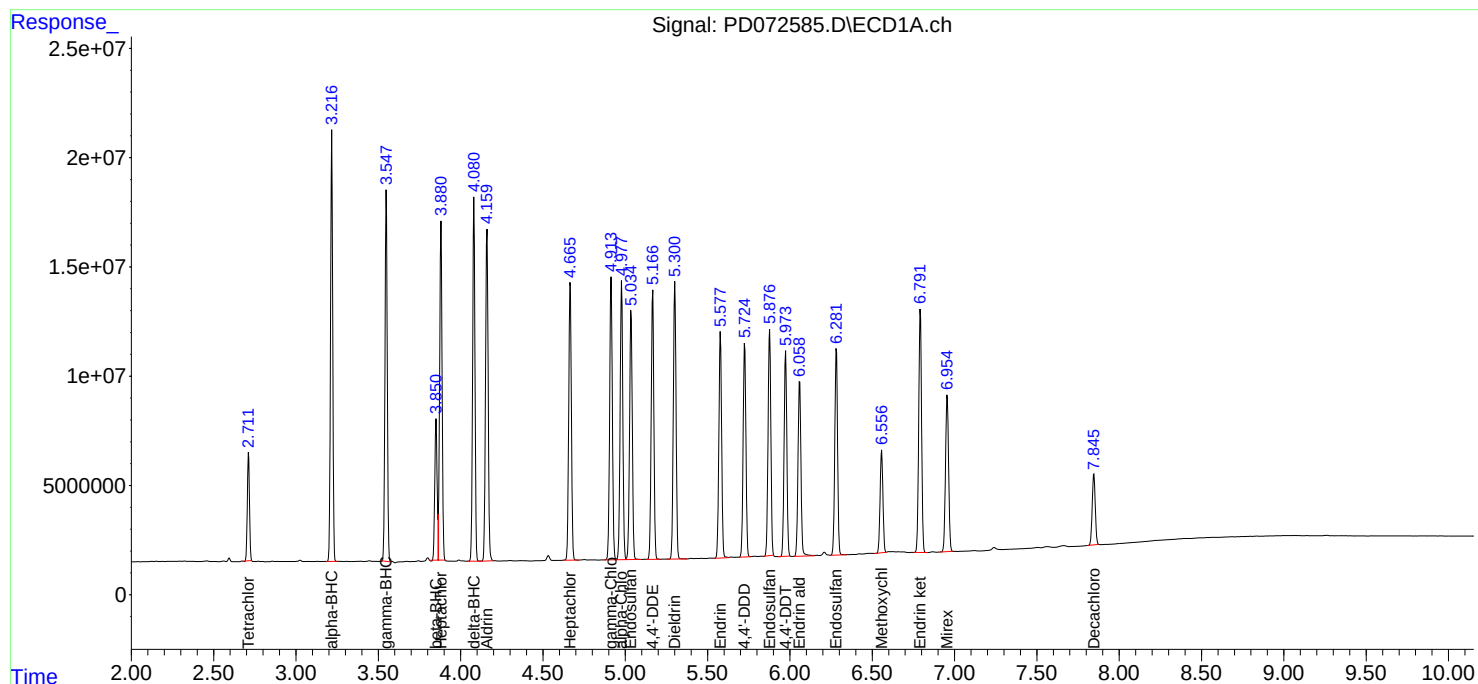
Instrument :
ECD_D
ClientSampleId :
PB148512BS

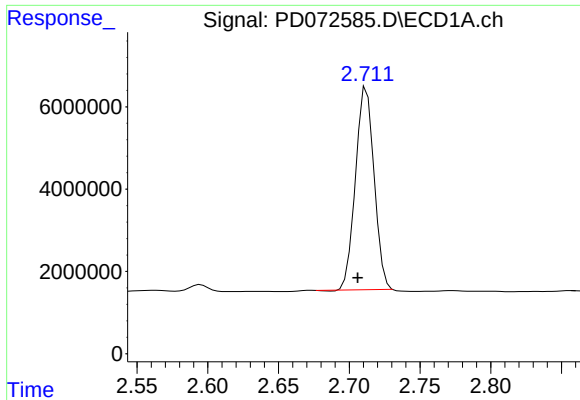
Manual Integrations
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Supervised By : Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 22:36:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 04:17:06 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





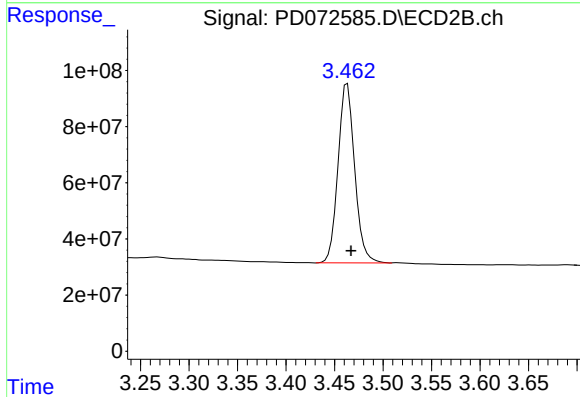
#1 Tetrachloro-m-xylene

R.T.: 2.712 min
Delta R.T.: 0.006 min
Response: 45112013
Conc: 18.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

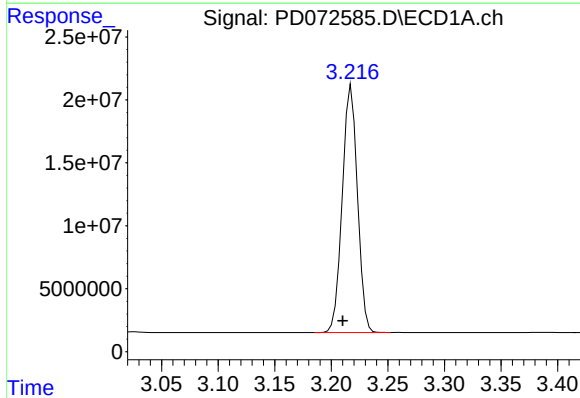
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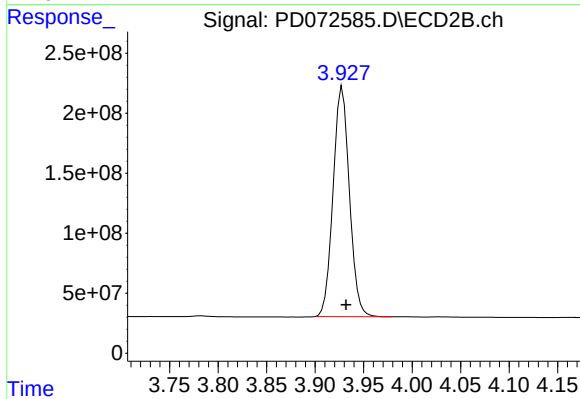
#1 Tetrachloro-m-xylene

R.T.: 3.463 min
Delta R.T.: -0.004 min
Response: 761781823
Conc: 22.91 ng/ml



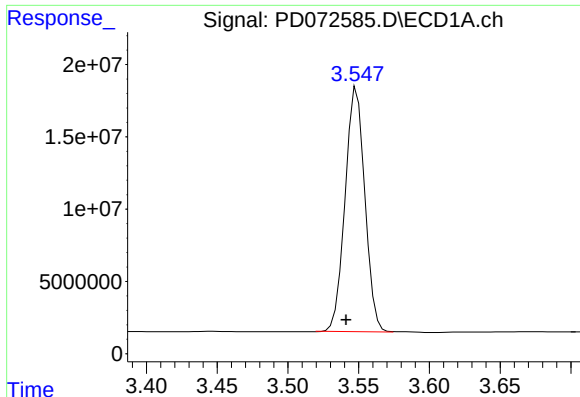
#2 alpha-BHC

R.T.: 3.218 min
Delta R.T.: 0.008 min
Response: 183234989
Conc: 46.53 ng/ml



#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: -0.004 min
Response: 2241880128
Conc: 48.96 ng/ml



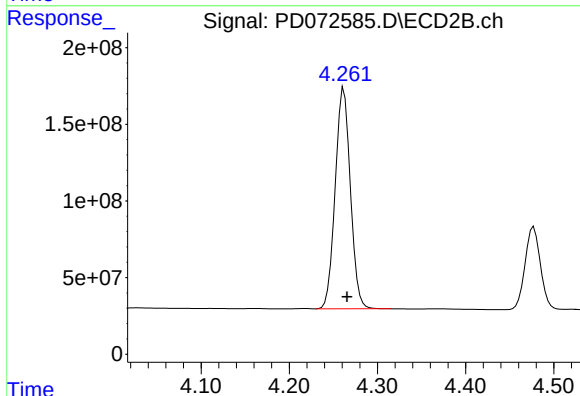
#3 gamma-BHC (Lindane)

R.T.: 3.547 min
Delta R.T.: 0.006 min
Response: 164537165
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

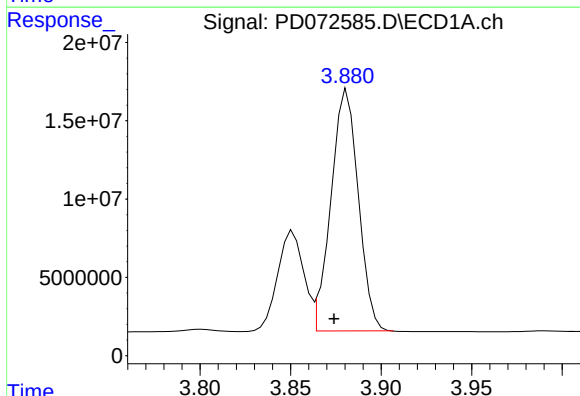
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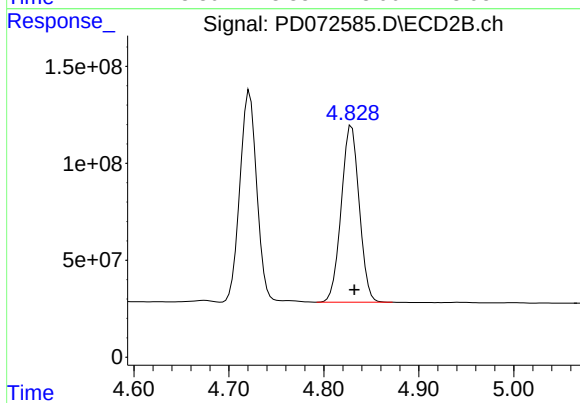
#3 gamma-BHC (Lindane)

R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 1723367558
Conc: 46.83 ng/ml



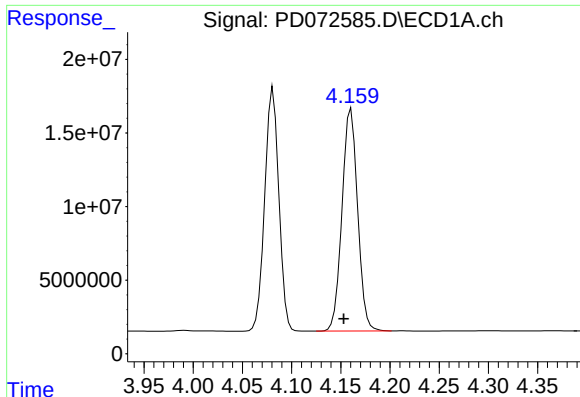
#4 Heptachlor

R.T.: 3.881 min
Delta R.T.: 0.007 min
Response: 162238021
Conc: 45.35 ng/ml



#4 Heptachlor

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 1200259996
Conc: 45.90 ng/ml



#5 Aldrin

R.T.: 4.160 min
Delta R.T.: 0.007 min
Response: 166906540
Conc: 48.34 ng/ml

Instrument :

ECD_D

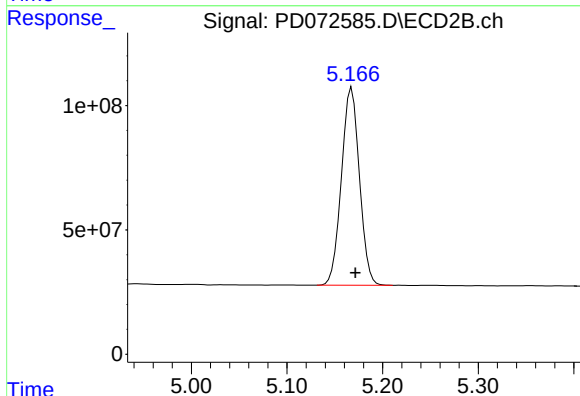
ClientSampleId :

PB148512BS

Manual Integrations

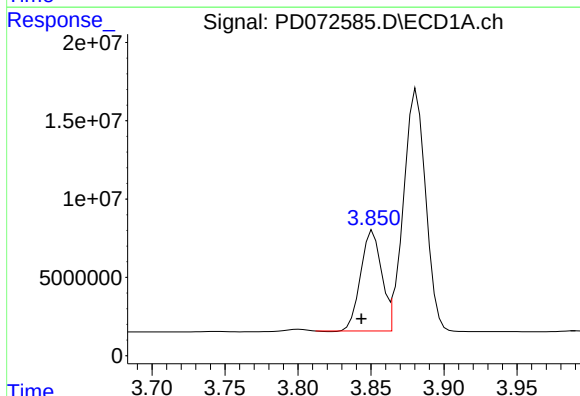
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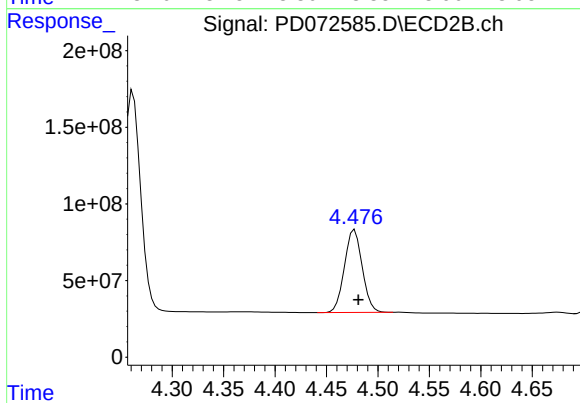
#5 Aldrin

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 1041546699
Conc: 49.39 ng/ml



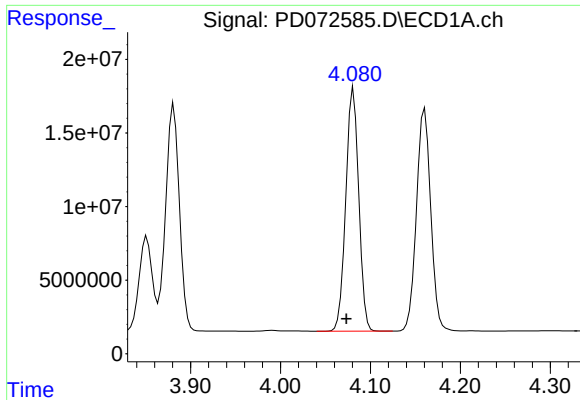
#6 beta-BHC

R.T.: 3.851 min
Delta R.T.: 0.008 min
Response: 63865281
Conc: 45.32 ng/ml



#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: -0.004 min
Response: 649396466
Conc: 45.69 ng/ml



#7 delta-BHC

R.T.: 4.081 min
Delta R.T.: 0.008 min
Response: 165177072
Conc: 46.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

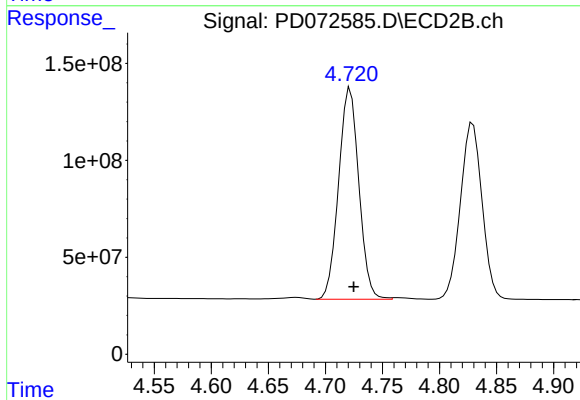
PB148512BS

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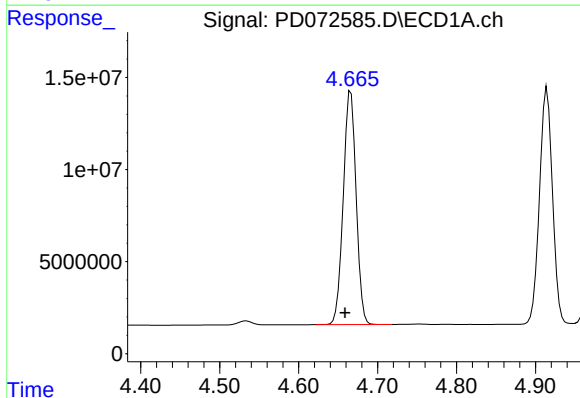
Reviewed By :Abdul Mirza 10/25/2022

Supervised By :Ankita Jodhani 10/25/2022



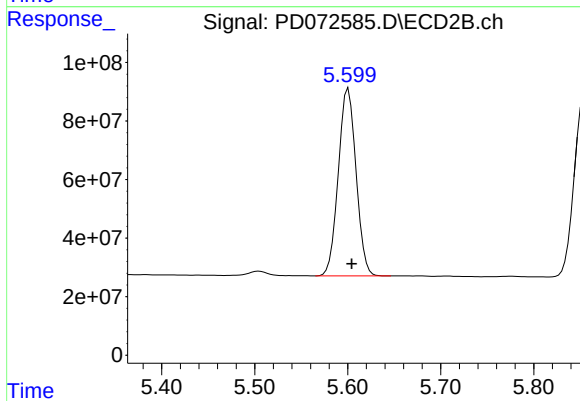
#7 delta-BHC

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 1346763989
Conc: 47.55 ng/ml



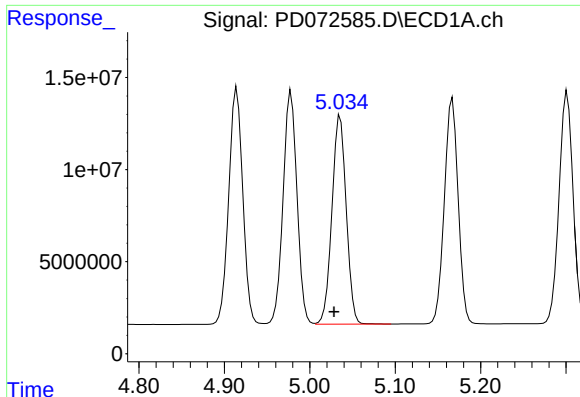
#8 Heptachlor epoxide

R.T.: 4.666 min
Delta R.T.: 0.007 min
Response: 143838274
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 850175405
Conc: 48.86 ng/ml



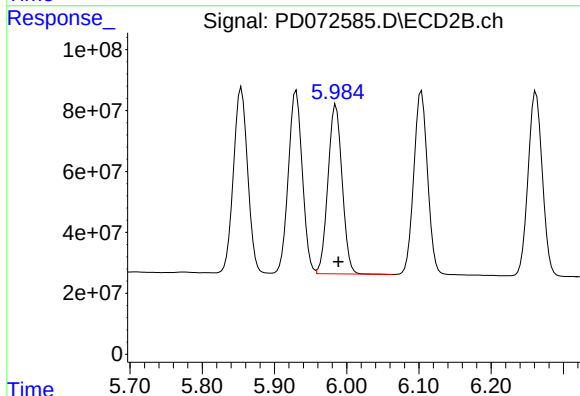
#9 Endosulfan I

R.T.: 5.036 min
Delta R.T.: 0.007 min
Response: 132035504
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

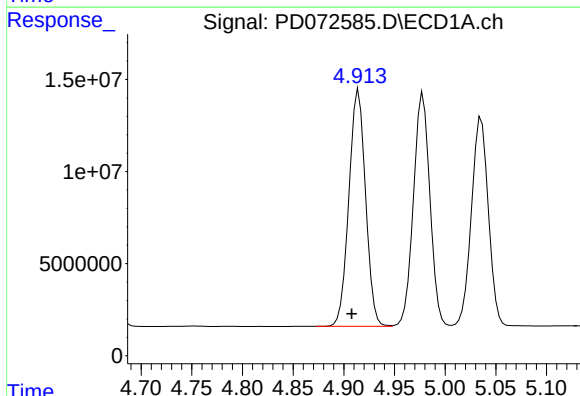
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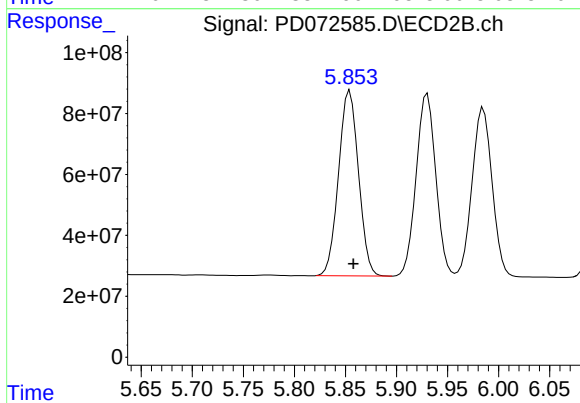
#9 Endosulfan I

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 759859404
Conc: 49.81 ng/ml



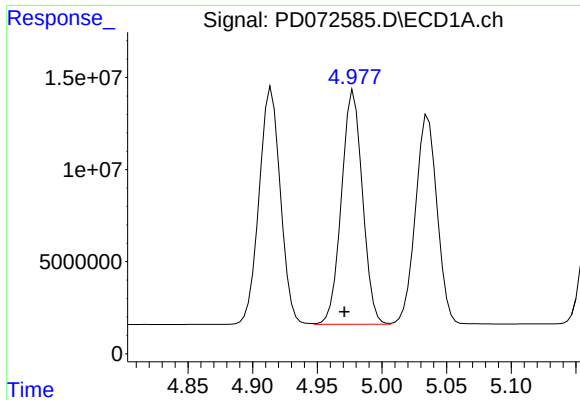
#10 gamma-Chlordane

R.T.: 4.915 min
Delta R.T.: 0.007 min
Response: 146884229
Conc: 46.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 828997215
Conc: 50.32 ng/ml



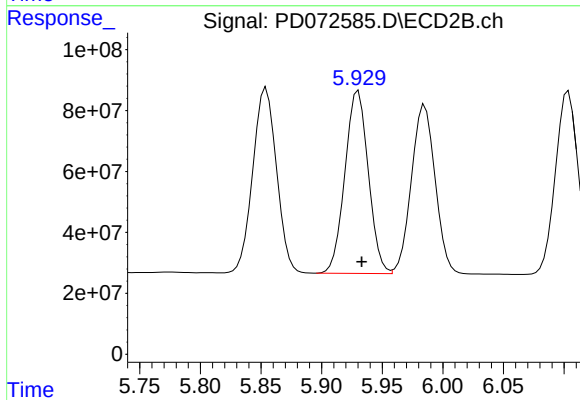
#11 alpha-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.007 min
Response: 143351986
Conc: 46.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

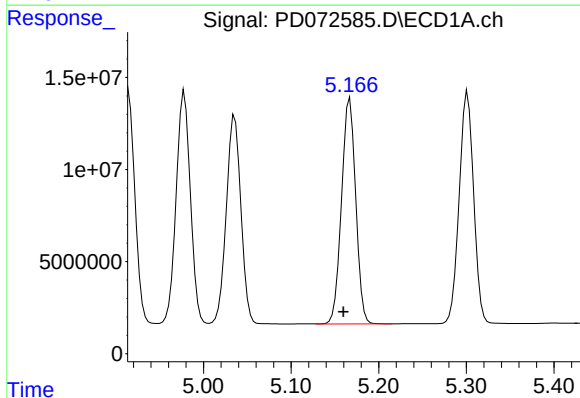
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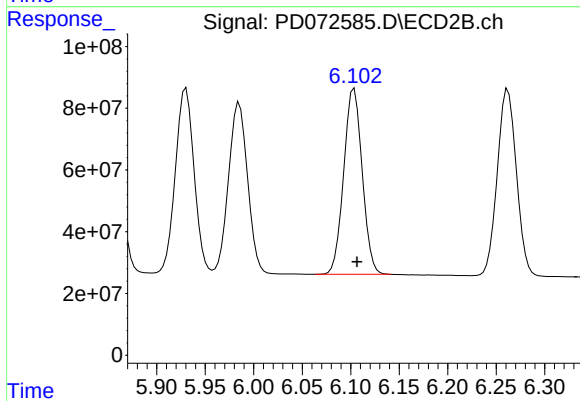
#11 alpha-Chlordane

R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 805069545
Conc: 49.88 ng/ml



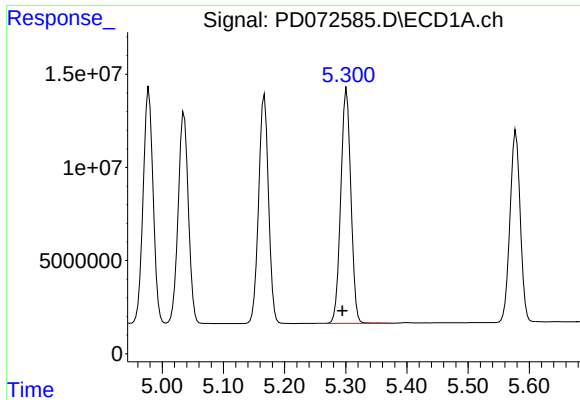
#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.007 min
Response: 137965483
Conc: 46.18 ng/ml



#12 4,4'-DDE

R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 797499470
Conc: 52.11 ng/ml



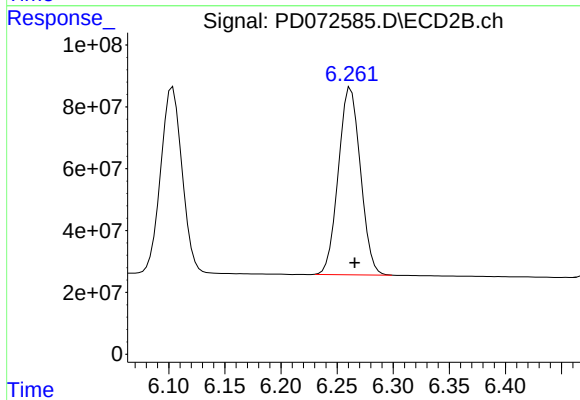
#13 Dieldrin

R.T.: 5.301 min
Delta R.T.: 0.007 min
Response: 144539348
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

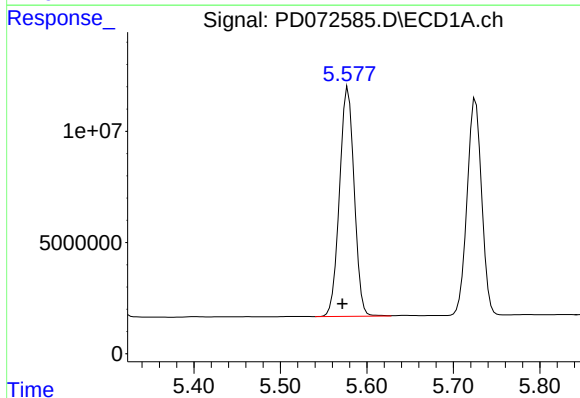
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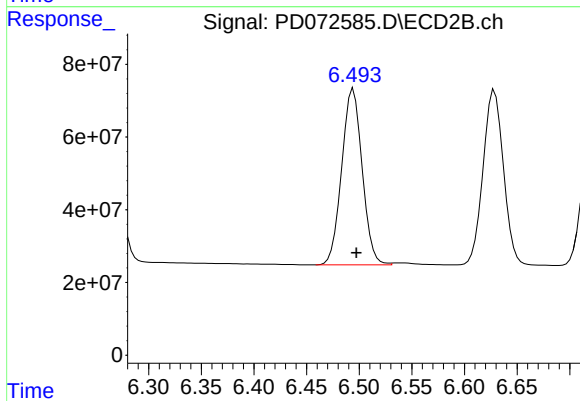
#13 Dieldrin

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 828960217
Conc: 52.46 ng/ml



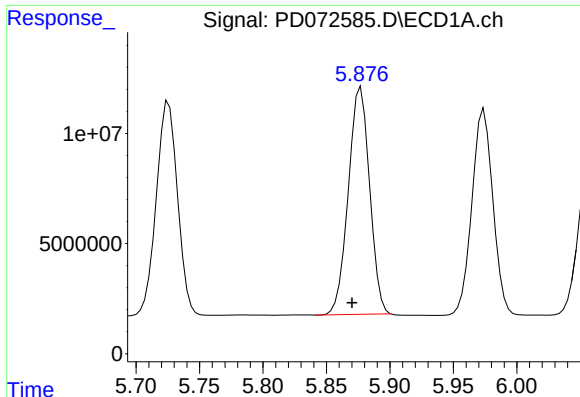
#14 Endrin

R.T.: 5.578 min
Delta R.T.: 0.007 min
Response: 120693390
Conc: 44.45 ng/ml



#14 Endrin

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 657898802
Conc: 49.26 ng/ml



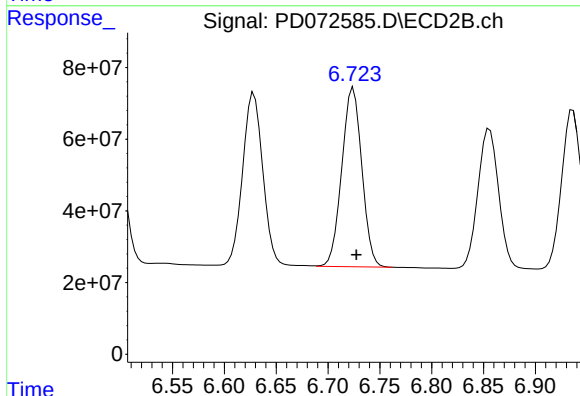
#15 Endosulfan II

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 120141750
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

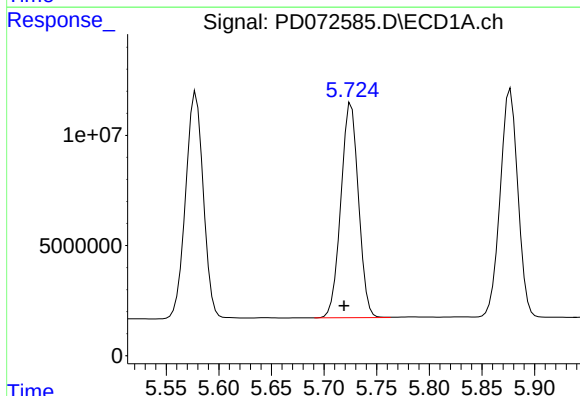
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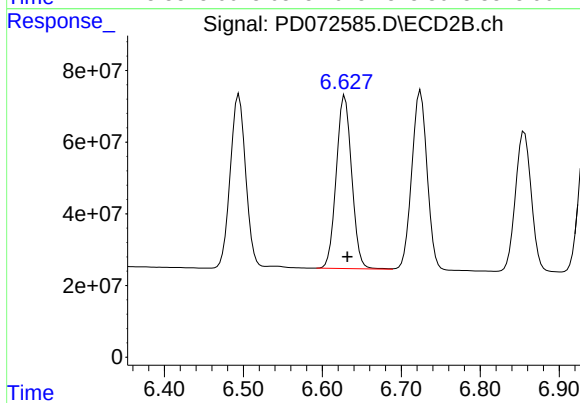
#15 Endosulfan II

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 672511029
Conc: 54.71 ng/ml



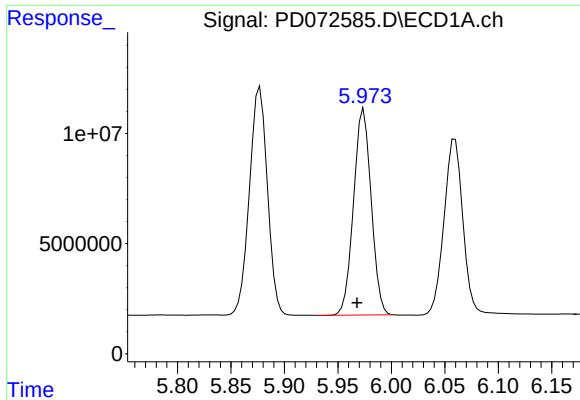
#16 4,4'-DDD

R.T.: 5.726 min
Delta R.T.: 0.007 min
Response: 113800725
Conc: 46.38 ng/ml



#16 4,4'-DDD

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 654520135
Conc: 53.12 ng/ml



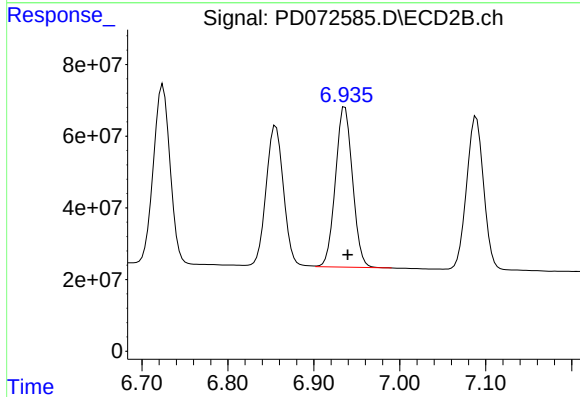
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: 0.006 min
Response: 107293835
Conc: 45.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

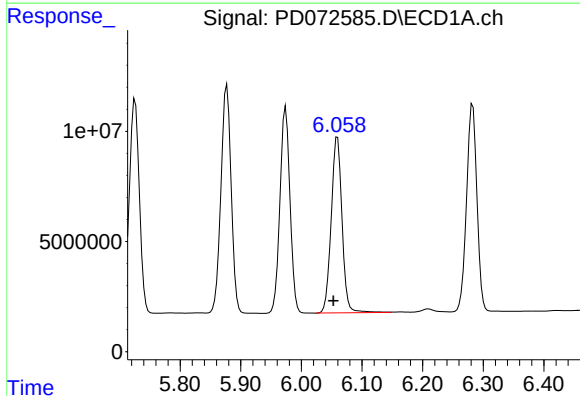
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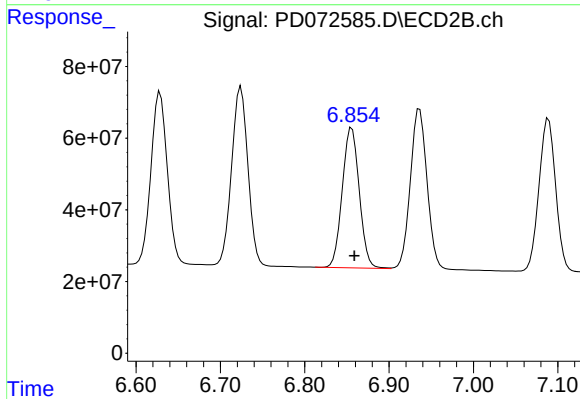
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.003 min
Response: 614791704
Conc: 51.57 ng/ml



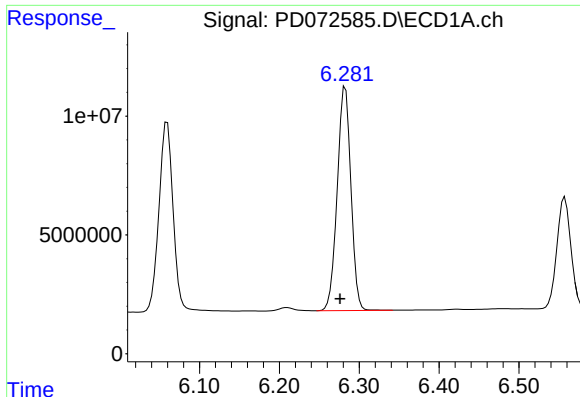
#18 Endrin aldehyde

R.T.: 6.060 min
Delta R.T.: 0.007 min
Response: 99379401
Conc: 50.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.856 min
Delta R.T.: -0.003 min
Response: 547309842
Conc: 56.71 ng/ml



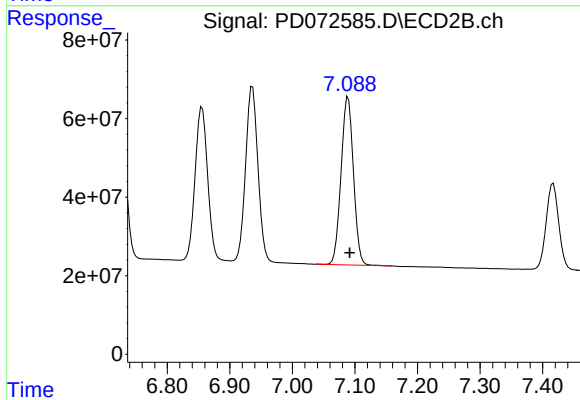
#19 Endosulfan Sulfate

R.T.: 6.283 min
Delta R.T.: 0.006 min
Response: 112343561
Conc: 44.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

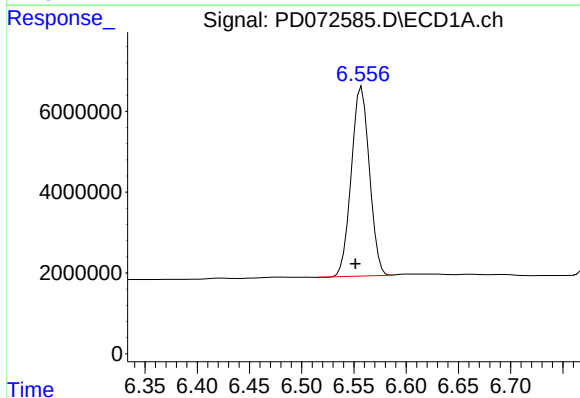
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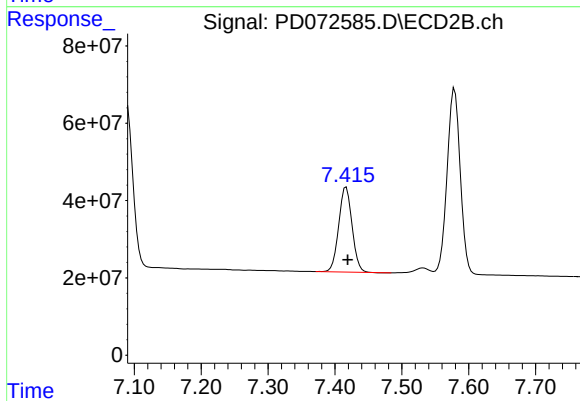
#19 Endosulfan Sulfate

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 589974754
Conc: 52.05 ng/ml



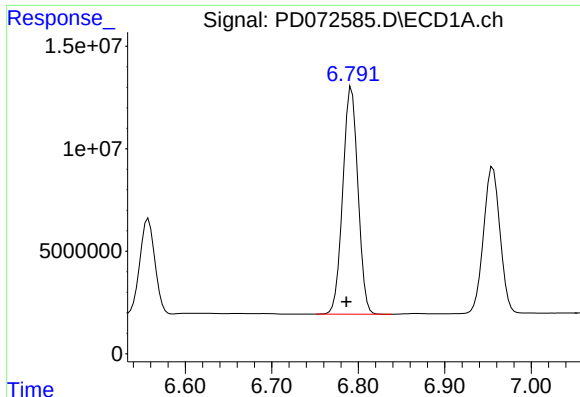
#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: 0.006 min
Response: 56453520
Conc: 41.96 ng/ml



#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 305580385
Conc: 51.61 ng/ml



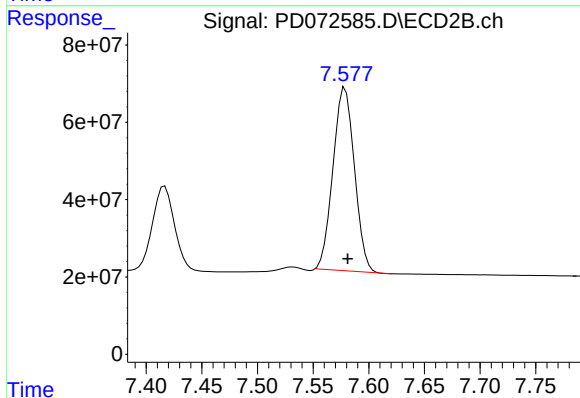
#21 Endrin ketone

R.T.: 6.792 min
Delta R.T.: 0.006 min
Response: 133964080
Conc: 44.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

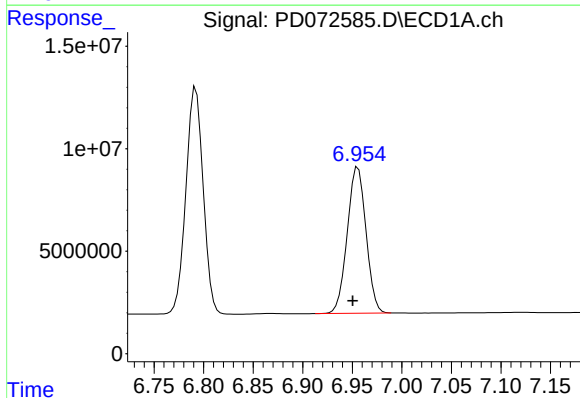
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2022
Supervised By :Ankita Jodhani 10/25/2022



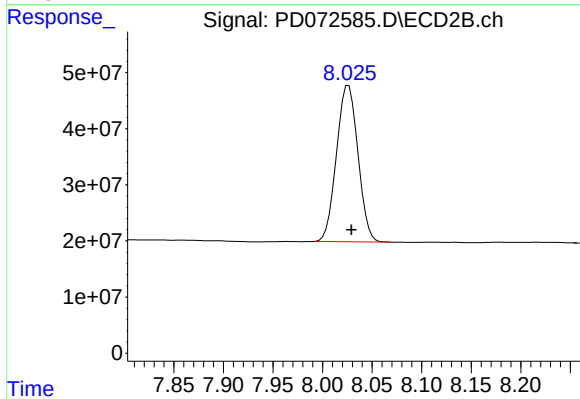
#21 Endrin ketone

R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 633719938
Conc: 50.79 ng/ml



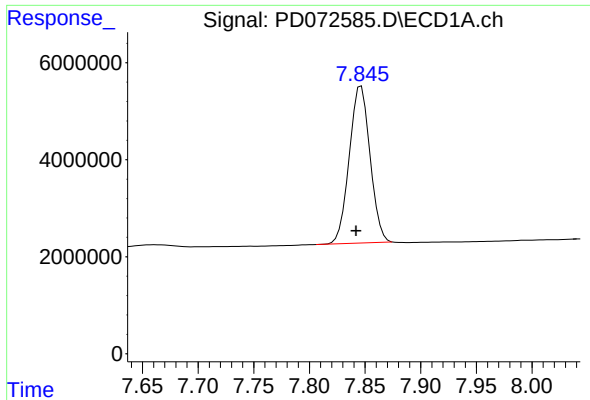
#22 Mirex

R.T.: 6.956 min
Delta R.T.: 0.005 min
Response: 94184599
Conc: 44.28 ng/ml



#22 Mirex

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 419201046
Conc: 50.43 ng/ml



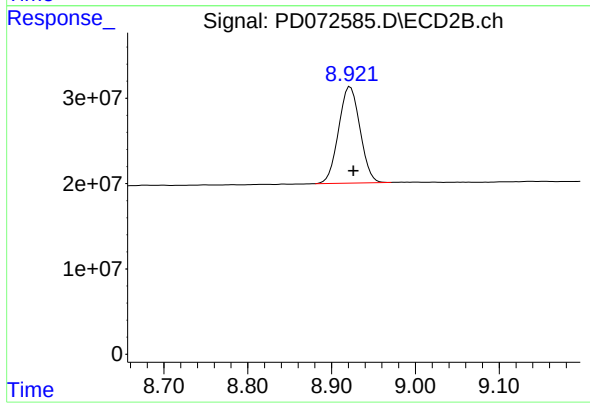
#28 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: 0.004 min
Response: 42111201
Conc: 18.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB148512BS

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#28 Decachlorobiphenyl

R.T.: 8.922 min
Delta R.T.: -0.004 min
Response: 200792961
Conc: 22.32 ng/ml